

capturing image data;  
capturing a change in the image data;  
calculating a difference between the image data and the change in the image data;  
generating a comparison histogram, based on the difference, indicating a degree of the difference; and  
determining an appropriate response based on the degree of the difference.

79. A method for determining a response due to a change in image data, the method comprising:

capturing image data;  
capturing a change in the image data;  
calculating a difference between the image data and the change in the image data;  
if the difference is above a threshold, generating a comparison histogram, based on the difference, the histogram indicating a degree of the difference; and  
determining an appropriate response based on the degree of the difference.

80. A method for determining a response due to a change in image data, the method comprising:

capturing image data at a plurality of positions from a plurality of cameras;  
capturing a change in the image data from the plurality of cameras;  
if the change is above a threshold from the plurality of positions, correlating the change from the plurality of cameras; and  
calculating a difference between the image data and the correlated change in the image data.

81. A method for determining a response due to a change in image data, the method comprising:

capturing image data at a plurality of positions from a plurality of cameras;  
capturing a change in the image data from the plurality of cameras;  
if the change is above a threshold from the plurality of positions, correlating the change from the plurality of cameras;

calculating a difference between the image data and the correlated change in the image data;

generating a comparison histogram, based on the difference, the histogram indicating a degree of the difference; and

determining an appropriate response based on the degree of the difference.

82. A method for determining a response due to a change in image data, the method comprising:

capturing image data;

capturing a change in the image data;

calculating a luminance difference between the image data and the change in the image data;

determining a degree of the difference based on differences between pixels associated with the change; and

determining an appropriate response based on the degree of the difference.

83. A method for determining a response due to a change in image data, the method comprising:

capturing image data;

masking a portion of the image data;

capturing a change in the non-masked portion of the image data;

calculating a difference between the image data and the change in the non-masked portion of the image data; and

generating a comparison histogram, based on the difference, indicating a degree of the difference.

84. A method for determining a response due to a change in image data, the method comprising:

capturing image data;

masking a portion of the image data;

enlarging the masked portion;

capturing a change in the non-enlarged masked portion of the image data;

calculating a difference between the image data and the change in the non-masked portion of the image data; and

generating a comparison histogram, based on the difference, indicating a degree of the difference.

85. A method for determining a response due to a change in image data, the method comprising:

capturing image data;

automatically masking a portion of the image data where an event consistently occurs;

enlarging the masked portion;

capturing a change in the non-enlarged masked portion of the image data;

calculating a difference between the image data and the change in the non-masked portion of the image data; and

generating a comparison histogram, based on the difference, indicating a degree of the difference.

86. A method for determining a response due to a change in image data, the method comprising:

capturing image data;

masking a portion of the image data;

capturing a change in the masked portion of the image data;

calculating a difference between the image data and the change in the masked portion of the image data; and

generating an alarm based on the difference.

87. A method for determining a response due to a change in image data, the method comprising:

capturing a prior image scene;

capturing a current image scene;

calculating a difference between the scenes;

producing a difference scene based on the calculated difference;

creating a statistical summary of the difference scene;  
summing value changes of the difference scene statistics; and  
if the summed changes exceeds a threshold, determining an event has occurred.

88. A method for indicating an event in a video stream, comprising:  
detecting the event; and  
displaying the event;  
wherein an indication of an increased amount of the event can be displayed by  
altering a first icon;  
wherein an indication of a decreased amount of the event can be displayed by altering  
a second icon;  
wherein the first icon and the second icon can be altered at a faster rate to indicate an  
increased amount of the event;  
wherein the first icon and the second icon can be altered a faster rate to indicate an  
increased length of the event;  
wherein the first icon and the second icon can be altered at a slower rate to indicate a  
decreased amount of the event;  
wherein the first icon and the second icon can be altered at a slower rate to indicate a  
decreased length of the event; and  
wherein the altering consists of at least one of a following item:  
a flashing of the icon;  
a blinking of the icon;  
a brightness of the icon;  
a color of the icon;  
a contrast of the icon; and  
an outline of the icon.

89. A method for indicating an event in a video stream, comprising:  
detecting the event; and  
displaying the event;  
wherein an indication of an increased amount of the event can be displayed by  
altering an icon at an increased rate; and

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wherein an indication of a decreased amount of the event can be displayed by altering the icon at a decreased rate.

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